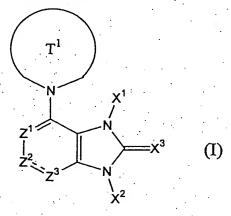
## **ABSTRACT**

The objective of this invention is to provide novel compounds that show excellent DPPIV-inhibiting activity. The present invention provides compounds represented by the general formula (I), salts thereof, or hydrates thereof,



[wherein,

T<sup>1</sup> stands for a monocyclic or bicyclic 4 to 12-membered heterocycle having 1 or 2 nitrogen atoms in the ring, which may have substituents; in formula (I), the following formula



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represents a double bond or a single bond;  $X^3$  denotes an oxygen atom or a sulfur atom;  $X^1$  denotes a  $C_{2-6}$  alkynyl group which may have substituents;  $Z^1$  denotes a nitrogen atom or the formula  $-CR^3$ =;  $Z^2$  and  $Z^3$  each independently denote a nitrogen atom, the formula  $-CR^1$ =, a carbonyl group, or the formula  $-NR^2$ -;  $R^1$ ,  $R^2$ ,  $R^3$ , and  $X^2$  each independently denote a  $C_{1-6}$  alkyl group which may have substituents, and such].